



ORIGINAL CLAIMS

- [c1] 1. A compound for attracting insects, comprising:
 - a metabolite which attracts flies; and
 - a sex attractant for flies.
- [c2] 2. The compound of claim 1, further comprising a protein compound.
- [c3] 3. The compound of claim 1, wherein said metabolite is an alkylamine, and aryl amine, or an ammonia.
- [c4] 4. The compound of claim 1, wherein said metabolite is a carboxylic acid.
- [c5] 5. The compound of claim 1, wherein said sex attractant for flies is a long-chain Z-alkene (C₁₀-C₃₀), long chain alkane (C₁₀-C₃₀), or an oxide of a long chain Z-alkene.
- [c6] 6. The compound of claim 2, wherein said protein compound is a protein-based food.
- [c7] 7. The compound of claim 1, wherein said metabolite is trimethylamine.
- [c8] 8. The compound of claim 1, wherein said metabolite is butyric acid.
- [c9] 9. The compound of claim 1, wherein said sex attractant is Z-9-tricosene.
- [c10] 10. The compound of claim 2, wherein said protein compound is egg.
- [c11] 11. The compound of claim 2, wherein said protein compound is egg powder.
- [c12] 12. The compound of claim 2, wherein said protein compound is granulated egg.
- [c13] 13. The compound of claim 2, wherein said protein compound is pork.
- [c14] 14. The compound of claim 2, wherein said protein compound is pork liver.
- [c15] 15. The compound of claim 1 wherein further comprising a second metabolite.
- [c16] 16. The compound of claim 15, wherein said first metabolite and said second

metabolite are present in a solution having a pH of 5 to 7.

- [c17] 17. A compound for attracting insects, comprising:
- an alkylamine, an aryl amine, or an ammonia;
 - a carboxylic acid;
 - a long-chain Z-alkene (C10-C30), long chain alkane (C10-C30), or an oxide of a long chain Z-alkene; and
 - a protein compound.
- [c18] 18. An compound for attracting insects, comprising:
- trimethylamine;
 - butyric acid;
 - Z-9-tricosene; and
 - a protein-based food

AMENDED CLAIMS

- [c1] 1. (Withdrawn) A compound for attracting insects, comprising:
 - a metabolite which attracts flies; and
 - a sex attractant for flies.
- [c2] 2. (Withdrawn) The compound of claim 1, further comprising a protein compound.
- [c3] 3. (Withdrawn) The compound of claim 1, wherein said metabolite is an alkylamine, and aryl amine, or an ammonia.
- [c4] 4. (Withdrawn) The compound of claim 1, wherein said metabolite is a carboxylic acid.
- [c5] 5. (Withdrawn) The compound of claim 1, wherein said sex attractant for flies is a long-chain Z-alkene (C10-C30), long chain alkane (C10-C30), or an oxide of a long chain Z-alkene.
- [c6] 6. (Withdrawn) The compound of claim 2, wherein said protein compound is a protein-based food.
- [c7] 7. (Withdrawn) The compound of claim 1, wherein said metabolite is trimethylamine.
- [c8] 8. (Withdrawn) The compound of claim 1, wherein said metabolite is butyric acid.
- [c9] 9. (Withdrawn) The compound of claim 1, wherein said sex attractant is Z-9-tricosene.
- [c10] 10. (Withdrawn) The compound of claim 2, wherein said protein compound is egg.
- [c11] 11. (Withdrawn) The compound of claim 2, wherein said protein compound is egg powder.
- [c12] 12. (Withdrawn) The compound of claim 2, wherein said protein compound is granulated egg.

- [c13] 13. (Withdrawn) The compound of claim 2, wherein said protein compound is pork.
- [c14] 14. (Withdrawn) The compound of claim 2, wherein said protein compound is pork liver.
- [c15] 15. (Withdrawn) The compound of claim 1 wherein further comprising a second metabolite.
- [c16] 16. (Withdrawn) The compound of claim 15, wherein said first metabolite and said second metabolite are present in a solution having a pH of 5 to 7.
- [c17] 17. (Withdrawn) A compound for attracting insects, comprising:
 - an alkylamine, an aryl amine, or an ammonia;
 - a carboxylic acid;
 - a long-chain Z-alkene (C10-C30), long chain alkane (C10-C30), or an oxide of a long chain Z-alkene;and
 - a protein compound.
- [c18] 18. (Withdrawn) An compound for attracting insects, comprising:
 - trimethylamine;
 - butyric acid;
 - Z-9-tricosene; and
 - a protein-based food
- [c19] 19. (New) A synergistic combination of attractants for attracting flies and other insects, having no objectionable odor to humans, comprising:
 - trimethylamine presented as a vapor at air concentrations higher than 1 part per billion (PPB), but not exceeding 5 parts per million;
 - butyric acid presented as a vapor at air concentration higher than 10 parts per billion, but not exceeding 20 parts per million;

Z-9-tricosene; and

A protein based food.

[c20] 20. (New) The synergistic combination of claim 19 where the protein based food is egg powder.

[c21] 21. (New) A non-stinky lure for attracting insects, comprising:

an amine, an alkylamine, an aryl amine, or an ammonia, presented in air concentrations between 1 part per billion and 5 parts per million;

a carboxylic acid presented in air concentrations between 10 parts per billion and 20 parts per million;

a long-chain Z-alkene (C10-C30), long chain alkane (C10-C30), or an oxide of a long chain Z-alkene; and

a protein compound.

[c22] 22. (New) The non-stinky lure of claim 21 where the amine is trimethylamine.

[c23] 23. (New) The non-stinky lure of claim 21 where the carboxylic acid is butyric acid.

[c24] 24. (New) The non-stinky lure of claim 21 where the long-chain Z-alkene is Z-9-tricosene.

[c25] 25. (New) The non-stinky lure of claim 21 where the protein compound is egg powder.